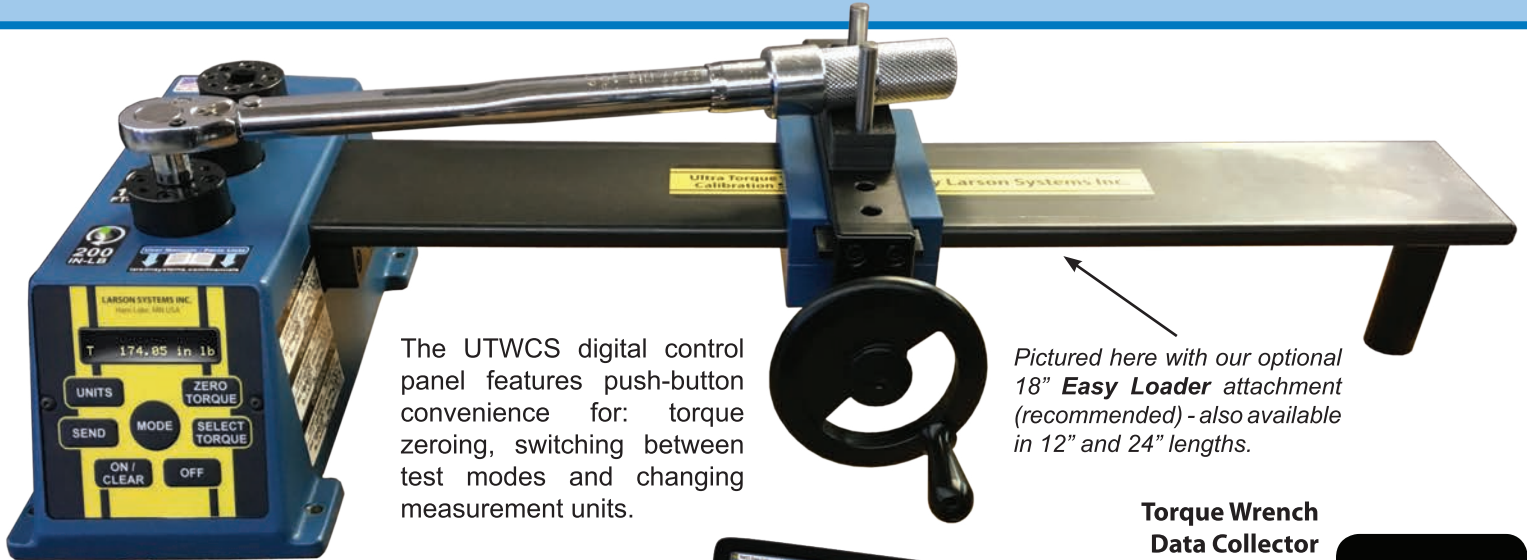


UTWCS

Ultra Torque Wrench Calibration System

Larson Systems Inc. designed the Ultra Torque Wrench Calibration System to be one of the most flexible and easy-to-use torque tool testers available. The built-in 3 way torque cartridge system allows you to test up to three different load ranges on one tester.



The UTWCS digital control panel features push-button convenience for: torque zeroing, switching between test modes and changing measurement units.

Pictured here with our optional 18" **Easy Loader** attachment (recommended) - also available in 12" and 24" lengths.

Standard Features:

- Accuracy better than $\pm 0.2\%$ of reading from 10-100% full scale
- Up to 3 built-in torque cartridges with 1/4", 3/8" or 1/2" drives
- RS 232 and USB connectivity
- Rechargeable NiCad battery
- Up to 260 ft-lb capacity
- Tracking / peak / first peak test modes
- NIST traceable calibration
- Clockwise / counterclockwise operation
- Vertical / horizontal mounting
- Push button English / metric units
- 12 month warranty
- Shunt calibration verification
- Digital calibration
- Push button torque zeroing
- Bright OLED display
- Rugged cast aluminum housing

Options:

- Easy Loader Attachment (pictured at top)
- Additional torque cartridges (factory option)
- Drive Adapter Kit
- Power Tool Adapter Kit

Factory Option for 1, 2 or 3 Torque Cartridges



050-0000-00134-03



050-0000-00134-01



050-0000-00134-02



Torque Wrench Data Collector Software



Pair our TWDC software with your UTWCS for torque wrench testing data at your fingertips. Access, store and manipulate your testing data as it is generated. Print a calibration certificate of conformance to ISO 6789:2003 for your tool.

Power, USB & RS 232



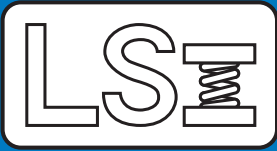
Optional Vertical Mounting



Larson Systems Inc.
13847 Aberdeen Street NE
Ham Lake, MN 55304-6789

763-780-2131
info@larsonsystems.com
www.larsonsystems.com











UTWCS

Ultra Torque Wrench Calibration System

Torque Specifications

6 Torque Cartridges Available

Torque Cartridge Capacity and Part Number		Torque Cartridge Capacity and Part Number	
	25 in-lb Torque Cartridge 025-0000-0697-00		500 in-lb Torque Cartridge 025-0000-0697-03
	100 in-lb Torque Cartridge 025-0000-0697-01		108 ft-lb Torque Cartridge 025-0000-0697-04
	200 in-lb Torque Cartridge 025-0000-0697-02		260 ft-lb Torque Cartridge 025-0000-0697-05

Accuracy is better than $\pm 0.2\%$

Accessories

Drive Adapter Kit



025-0000-0703-00

Includes all 5 available drive adapters:

1/4" F to 3/8" M

3/8" F to 1/2" M

3/4" F to 1/2" M

3/8" F to 1/4" M

1/2" F to 3/8" M

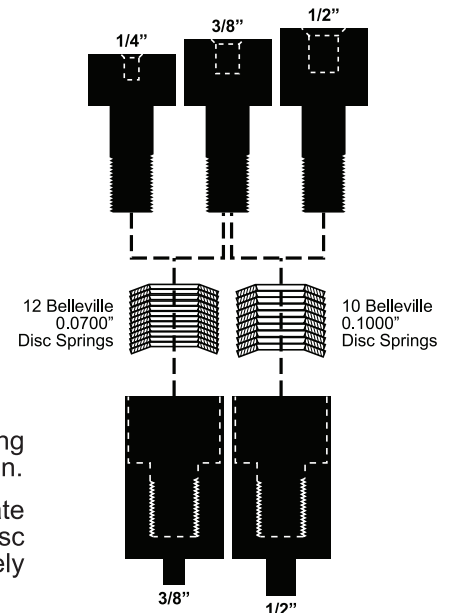
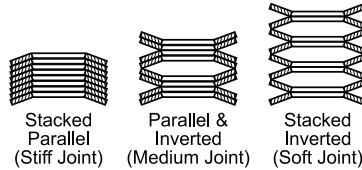
Power Tool Adapter Kit

025-0000-0429-00

Includes 3 power tool adapters:

1/2", 3/8" and 1/4" Drives

*Only compatible with 500 in-lb, 108 ft-lb and 260 ft-lb torque cartridges



Instructions:

Your tool should act the same when tightening the Power Tool Adapter as with your application.

Select bodies and drivers based on appropriate drive size, then select and configure Belleville disc springs to make a bolted joint that approximately matches your application.



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